Index of Claims

Application No.

O9/970,355

Examiner

Applicant(s)

NARUSE ET AL.

Art Unit

Rejected - (Thro

- (Through numeral)
Cancelled

Restricted

N Non-Elected

I Interference

Tuan T Dinh

A Appeal
O Objected

2827

|  |  | <u> </u>   |                |  |              |  | j            |              |  | L                 |  |
|--|--|--|----------------|--|--------------|--|--------------|--------------|--|-------------------|--|
|  |  | _  |                |  |              |  |              | _            |  |                   |  |
| Cla                                    | um   | Date   |                |  |              |  |              |              |  |                   |  |
| _                                      | Original   | _  | 1              |  |              | Ì  | ì            |              |  | ìì                |  |
| Final                                  | gi   | 9/5/03   |                |  |              |  | 1            |              |  |                   |  |
| i I                                    | )<br>Ji  | 6  |                | ì  |              | l  |              | Ì            |  | 1                 |  |
| L                                      |  |  |                | L  | _            |  | L.           | L            | L  | Ш                 |  |
| L                                      | 1  | Ť  |                |  | _            |  |              | L            | <u> </u>   | لــــا            |  |
|  | 2  | Ľ  |                | _  |              | L.   |              |              |  |                   |  |
|  | 3  |  |                | -  |              |  | Γ            |              |  | П                 |  |
|  | 4  | П  |                |  |              |  |              |              |  | П                 |  |
|  | 5  |  |                |  |              |  |              |              |  |                   |  |
|  | 6  | П  |                | Π  |              | Г  | Г            | 1            |  |                   |  |
|  | 1<br>2<br>3<br>4<br>5<br>6                                     | П  |                |  |              |  | Г            |              |  |                   |  |
|  | 8  | 1  |                |  |              | Г  | Г            | 1            |  |                   |  |
|  | 9  | 1  |                |  |              |  | 1            | 1            |  | П                 |  |
|  | 10   | 1  |                |  | $\vdash$     |  | 1            |              |  | $\Box$            |  |
|  | 11   | 1  |                | _  | Г            | 1  | <u> </u>     |              |  | $\vdash$          |  |
|  | 12   | 1  |                | $\vdash$   | 1            |  | _            |              | $\vdash$   | $\vdash$          |  |
|  | 13   | +  |                | t —  |              | <del>                                     </del> | $\vdash$     | 1            | <del>                                     </del> | ┞╌┤               |  |
|  | 14   | <del>                                     </del> | _              | <del>                                     </del> |              | $\vdash$   | $t^-$        | 1-           | <u> </u>   | $\vdash$          |  |
|  | 15   | -  | ┢              | -  | $\vdash$     | <del>                                     </del> | -            | $\vdash$     | $\vdash$   | $\vdash$          |  |
| -                                      | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18             | $\vdash$   | $\vdash$       | <del>  -</del>                                   | <u> </u>     | <del>                                     </del> | $\vdash$     | t            | -  | $\vdash \dashv$   |  |
| <u> </u>                               | 17   | -  | <del> </del> — |  | ├─           | ┢  | ⊢            | ╁─           | ├  | $\vdash \dashv$   |  |
| -                                      | 18   |  | -              | ┢  | ⊢            | <del>                                     </del> | ┝            | ┢            | ┢┈   | $\vdash$          |  |
| $\vdash$                               | 10   |  | -              |  | -            | ┰  | -            | <del> </del> | ├-   | $\vdash \dashv$   |  |
|  | 20   | -  | ┝              | ├-   | ├            |  | ┝            | ⊢            | ├  | H                 |  |
| $\vdash$                               | 21   | -  | -              | -  | -            | $\vdash$   | ├            | ├            | -  | $\vdash$ $\dashv$ |  |
| -                                      | 22   | -  | -              | ├-   | ⊢            | ⊢  | ├            | ┼─           | ├  | $\vdash$          |  |
| $\vdash$                               | 22   | ┝  |                | ├  | ├            | ├  | ├            | ├            | <b>├</b>   | ┝─┤               |  |
| <u> </u>                               | 20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30 |  | -              |  | ├-           | ⊢  | ├            | -            |  |                   |  |
|  | 25   |  | ├              | ├-   | -            | ├—   | -            | ├            | -  | $\vdash$          |  |
| -                                      | 25   | -  | ├—             |  | ├-           | -  | ├            | -            | -  |                   |  |
| $\vdash$                               | 20   |  | -              | -  | <del> </del> | -  | ⊢            | ├—           |  | $\vdash\dashv$    |  |
| $\vdash$                               | 20   | -  |                | ├─   | -            | -  | -            | ⊢            |  | $\vdash$          |  |
| $\vdash$                               | 20   | <u> </u>   | <u> </u>       |  | ├—           |  | ├-           | ⊱            | <u> </u>   | Щ                 |  |
|  | 29   | -  | _              | ├-   | -            | -  |              | ├-           | ├  | Ш                 |  |
|  | 30   | -  | <u> </u>       | <u> </u>   | _            | -  | ├            | -            | <u> </u>   | $\vdash$          |  |
| <u> </u>                               | 31   | <u> </u>   | _              |  |              | _  | _            | -            | <b>├</b>   | $\vdash$          |  |
| $\vdash$                               | 32   | <u> </u>   | -              | _  | <u> </u>     |  | <u> </u>     | <b>├</b>     | <u> </u>   | $\vdash \dashv$   |  |
|  | 31<br>32<br>33<br>34<br>35                                     | ļ  | <u> </u>       |  | <u> </u>     | ├—   | _            |              | Ļ.,  | $\vdash$          |  |
|  | 34   | $\vdash$   | _              |  | -            | -  | <u> </u>     | <u> </u>     | <u> </u>   | $\vdash$          |  |
|  | 35   | -  | $\vdash$       |  | <u> </u>     | -  |              | -            | ├-   | $\vdash \dashv$   |  |
| $\vdash$                               | 36<br>37<br>38   | <del>                                     </del> | <u> </u>       | -  | <del> </del> | ļ  | -            | ⊢            |  | Н                 |  |
| $\vdash$                               | 31   | <b>⊢</b> -i                                      | <u> </u>       | -  |              | -  | -            | $\vdash$     | <u> </u>   | Ш                 |  |
|  | 30   | <u> </u>   |                |  | <u> </u>     |  | <del> </del> | -            |  | $\vdash\dashv$    |  |
| $\vdash$                               | 39<br>40   | <u> </u>   | <u> </u>       | -  | <u> </u>     | -  |              |              | -  | $\vdash$          |  |
|  |  | <u> </u>   | <u> </u>       | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u>     | ├—           | <u> </u>   | $\vdash$          |  |
| $\vdash$                               | 41   | $\vdash$   | _              | -  | <u> </u>     | _  | $\vdash$     | <u> </u>     |  | Ш                 |  |
| $\vdash$                               | 42   | L_   | <u>_</u>       | L.,  | L.           | Щ  | _            | ļ            | <b> </b>   |                   |  |
| $\vdash \vdash$                        | 43   | $\square$  |                |  |              | ļ  | L.           | _            | _  | Ш                 |  |
|  | 44   |  |                |  |              | L_,  | L.           | L.           |  |                   |  |
|  | 45   |  |                |  | L            |  | <u> </u>     | <u> </u>     |  |                   |  |
|  | 46   |  |                |  |              |  | _            | L_           |  |                   |  |
| <b> </b>                               | 47   |  |                |  |              |  |              |              |  |                   |  |
|  | 48   |  |                |  |              | _  |              |              |  |                   |  |
| <u> </u>                               | 49   | _  |                |  |              |  |              |              |  |                   |  |
| لـــــــــــــــــــــــــــــــــــــ | 50   | l  | ]              |  |              |  |              |              |  |                   |  |

| CI           | Claim                |              |  |          | _              | Dat        | _              |  |              |     |
|--------------|----------------------|--------------|--|----------|----------------|------------|----------------|--|--------------|-----|
| <u> </u>     |                      |              | Γ-   |          | т'             | Jai        | <u> </u>       | 1  | -            |     |
| Final        | Original             |              |  |          |                |            |                |  |              |     |
|              | ł                    | <del> </del> | -  | -        | ┝              | ├-         | -              | -  | -            |     |
|              | 51<br>52             | $\vdash$     | ┢  | ┼        | ┼-             | -          | ⊢              | ⊢  | ⊢            | ├─  |
| <u> </u>     | 52                   | ├-           | ┢  | ├-       | <del> </del> — | ├          | ├-             | ⊢  | ⊢            | ┝   |
|              | 53                   | $\vdash$     | ⊢  | ├        | ┼              | ├-         | ⊢              | ┢  | ⊢            | -   |
|              | 54                   | ⊨            | ⊢  | ⊢        | ⊢              | <b>├</b> - | <del> </del> − |  | ├            | ₩.  |
| <u> </u>     | 53<br>54<br>55<br>56 | ├            | <del> </del>                                     | ├        | ├-             | ├-         | ⊢              | ⊢  | ⊢            | ├—  |
| <u> </u>     | 57                   | -            |  | -        | ⊢              | <b>├</b>   | <b>├</b> -     | ├  | ├            | -   |
| <u> </u>     | 50                   | <del> </del> | -  | ⊢        | $\vdash$       |            | ├—             | -  | ⊢            | ⊢   |
| ļ            | 58<br>59             | ├            | ┝╌   | ⊢        | ⊢              | ├─         | ├—             | ├—   | ╁            | ├   |
|              | 60                   | ┢            | ┢  | ⊬        | ├-             | <b>├</b> - |                | -  | ⊢            | ⊢   |
|              | 61                   | $\vdash$     | ⊢  | ├        | -              | -          | -              | ├-   | ┢            | ⊢   |
|              | 62                   |              | ┢╌   | $\vdash$ | $\vdash$       | ├          | ├              | ├—   | -            | -   |
| <u> </u>     | 63                   | ┼-           | ├-   |          | $\vdash$       | -          | ⊢              | ├  | ├            | ╁   |
| <u> </u>     | 64                   | <del> </del> |  | ┢╌       | ┢              | ├          | -              | ├-   | ├╌           | ┝╌  |
| <u> </u>     | 63<br>64<br>65       | ╁            | ├-   | -        | ┢              | ├          | ⊢              | ├  | -            | ├-  |
| <u> </u>     | 66                   | ├            | -  | -        | $\vdash$       | ├          | -              | -  | <del> </del> | -   |
| -            | 66<br>67             | ┼─           | -  |          | ┢              | ├─         | $\vdash$       | ├─   | ├─           | -   |
| -            | 68                   | ┝            | $\vdash$   | ┢        | <del> </del> — |            | +-             | ╁─   |              | ├   |
| <del> </del> | 69                   | ╁            | ├  | ├        | +-             |            |                | ├  | ├            | ⊢   |
| <b></b>      | 70                   | $\vdash$     | $\vdash$   | ┢        | ╁              |            | -              | <del> </del>                                     | <del> </del> | ┢┈  |
| <u> </u>     | 71                   | $\vdash$     | ┢  | ╁        | ╁              |            | -              | ├-   | ├-           | ┝╌  |
| <b>—</b>     | 71<br>72<br>73       | † —          | <u> </u>   | ┢        | H              | ┢╌         | +-             | <del>                                     </del> | -            | -   |
| <u> </u>     | 73                   | ⊢            | $\vdash$   | ╁        | ╁              | -          | -              | ┝╌   | -            | ┢   |
| <u> </u>     | 74                   | <del> </del> | <del> </del>                                     |          | +-             | ┢╌         | ├              | <u> </u>   | ┢            | -   |
| <b> </b>     | 74<br>75<br>76<br>77 | -            | $\vdash$   | ┢        | ╁              |            | -              | ╁─   | -            | ├   |
| <u> </u>     | 76                   | 1            | <del>                                     </del> | ╁╌       | ├-             | _          | $\vdash$       | $\vdash$   | <u> </u>     | f - |
| <u> </u>     | 77                   | $\vdash$     |  | $\vdash$ | 1              | -          | 1              | 1  | -            | -   |
|              | 78                   | $\vdash$     | 一  | 1        | 1              | 1-         | 1              | _  | Ι-           |     |
|              | 78<br>79<br>80       |              |  |          |                | _          | 1              | ┰  | 1            | 1   |
|              | 80                   |              |  | _        | <u> </u>       |            | $\vdash$       | $\vdash$   | _            | 1-  |
| 1            | 81<br>82             |              |  | T-       | Γ.             |            |                | $\vdash$   |              |     |
|              | 82                   |              | $\overline{}$                                    |          |                | 1          | 1              | ┢  | _            |     |
|              | 83                   |              |  |          |                |            | _              | 1  | _            | -   |
|              | 84<br>85             |              | 1  |          |                | _          |                | _  | _            |     |
|              | 85                   |              |  |          |                |            |                |  | Г            |     |
|              | 86                   |              |  |          |                |            |                |  | _            | Ī — |
|              | 87                   |              |  |          |                |            |                |  |              |     |
| L_           | 88                   |              |  |          |                |            |                |  |              |     |
| <u> </u>     | 89                   | _            |  |          | _              |            |                |  |              |     |
|              | 90                   | L.           | L  | <u>L</u> | L              |            |                |  |              |     |
| L            | 91                   | <u> </u>     | <u> </u>   | L        | <u> </u>       | L          |                | _  |              |     |
|              | 92                   |              | _  | _        | <u> </u>       |            |                | _  |              |     |
| <u> </u>     | 93                   | L.           | L  | L        | L              | L_         | _              | _  |              |     |
|              | 94                   | <u> </u>     | _  | L_       |                | L          |                | L_   |              | L   |
| <u> </u>     | 95                   | _            |  | _        | <u> </u>       | _          |                |  | تـــا        |     |
| <u> </u>     | 96                   | L            | <u> </u>   | <u> </u> |                |            |                |  |              |     |
| <u> </u>     | 97                   | <u> </u>     | L.   | L        | L.             | <u> </u>   | _              | _  |              | _   |
| <u> </u>     | 98                   | ļ            |  | L.,      | <u> </u>       | L          |                |  |              |     |
| <u> </u>     | 99                   | Щ            | <u> </u>   | <u> </u> | <u> </u>       | <u> </u>   | Ц.             | L.,  | Ш            |     |
| L            | 100                  |              |  |          |                |            |                |  | L            |     |

|              |                   | Date         |                |          |          |  |  |  |                 |          |  |
|--------------|-------------------|--------------|----------------|----------|----------|--|--|--|-----------------|----------|--|
| Claim        |                   | _            | ,              | _        | [        | Date   | <u>e</u>   |  | _               |          |  |
| Final        | Original          |              |                |          |          |  |  | !  |                 |          |  |
|              | 101<br>102        |              |                | Ī        |          |  |  |  |                 |          |  |
|              | 102               |              |                |          |          |  |  |  |                 |          |  |
| <u> </u>     | 103               | _            | _              | <u> </u> | ļ.,      | L.   | L.   | ļ  | L               | Ц.       |  |
| <u> </u>     | 104               |              | <b>-</b>       | ┡        | ┡-       | -  | ▙  | <u> </u>   | ╙               | _        |  |
| ├            | 105               | <del> </del> | -              | ├        | -        | ├-   | ⊢  | ├  |                 | -        |  |
|              | 106<br>107        | -            | -              | ⊢        | ├        | -  | -  | <del> </del> —                                   | ╁               |          |  |
|              | 108               |              | -              | ╁        | $\vdash$ | <del> </del>                                     | 1-   | <del> </del>                                     | †-              | -        |  |
|              | 109               |              | -              | 1        |          | <u> </u>   | Ι-   | t-   | †-              |          |  |
|              | 110               |              |                |          |          |  |  |  |                 |          |  |
| L            | 111<br>112<br>113 | _            | _              | Ĺ        | L        | L  | $oxed{\Box}$                                     | $\Box$   | Ľ               |          |  |
|              | 112               | _            | _              | <u> </u> |          | <u> </u>   | -  | ļ  | ┞               |          |  |
| <u> </u>     | 113               | <u> </u>     | _              | <u> </u> | <u> </u> |  | <del> </del> _                                   | 1  | ↓_              | ļ.,      |  |
| ├            | 114<br>115        |              | -              | ├-       |          | -  | -  | ├  | -               | -        |  |
| <del> </del> | 116               | ├-           | -              | $\vdash$ | $\vdash$ | ┢╾   | <del> </del>                                     | ├—   | ├─              | $\vdash$ |  |
| <u> </u>     | 117               | -            | 1              | 1        | 1-       | -  | <del>}</del>                                     | <del>                                     </del> | ╁╌              | -        |  |
|              | 118               |              | $t^{-}$        |          |          |  | <u> </u>   | t  | <del> </del>    |          |  |
|              | 119               |              |                |          |          |  | $\vdash$   |  | T               |          |  |
|              | 120               |              |                |          |          |  |  |  |                 |          |  |
| L            | 121               |              | _              | _        | ļ        | L.   | _  |  |                 |          |  |
| <u> </u>     | 121<br>122<br>123 |              |                | ـ        | _        | <u> </u>   | ┡  | _  | L               |          |  |
| <del> </del> | 123               | <u> </u>     | ┝              | ⊢        | $\vdash$ | <del> </del>                                     | ⊢  | ├—   | <u> </u>        | -        |  |
| <u> </u>     | 124<br>125        | -            | -              | ╁        | 1        | -  | 1  | }—   | ╢               | -        |  |
| <b>-</b>     | 126               | -            |                | 1        | t –      | <del>                                     </del> | -  | ╁  | $\vdash$        | $\vdash$ |  |
|              | 127               |              |                |          |          |  |  |  |                 |          |  |
|              | 127<br>128        |              |                |          |          |  |  |  |                 |          |  |
|              | 129<br>130        |              | _              | Ľ        | L        |  |  |  |                 |          |  |
|              | 130               | _            | <u> </u>       | <u>_</u> | <u> </u> | L  | <u>L</u> .                                       | <u> </u>   | <u> </u>        |          |  |
|              | 131               | _            | <del> </del> — | <u> </u> | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>        |          |  |
| <u> </u>     | 132<br>133        |              | -              |          | -        | -  | -  |  | -               | -        |  |
|              | 134               | -            | -              | ├-       | -        | -  | -  |  | ├-              | $\vdash$ |  |
| <b></b>      | 135               | _            | 1              | 1        | 一        | -  | <del>                                     </del> | <del>                                     </del> | <del>  -</del>  |          |  |
|              | 136               |              |                |          | _        | _  | _  | $\vdash$   | $\vdash$        | П        |  |
|              | 137<br>138        |              |                |          |          |  |  |  |                 |          |  |
|              | 138               |              | _              | <u> </u> | _        | _  | _  |  |                 |          |  |
|              | 139               |              | ļ              | <u> </u> | <u> </u> | L.   | <u> </u>   | ļ  | <u> </u>        |          |  |
|              | 140<br>141        |              | -              | ┡        | -        | -  |  | -  | -               |          |  |
| $\vdash$     | 142               |              |                | -        |          | -  |  |  |                 | 닉        |  |
|              | 143               | -            |                | ├─       | -        | -  | }-   | -  | -               | $\vdash$ |  |
|              | 144               |              | _              |          |          | _  |  | $\vdash$   |                 | $\vdash$ |  |
|              | 145               |              |                | _        | _        | -  |  |  |                 | $\vdash$ |  |
|              | 146               |              |                |          |          |  |  |  |                 |          |  |
|              | 147               | _            |                | لـــا    |          |  | L.   |  |                 |          |  |
|              | 148               | _            | !              | L        |          |  |  |  |                 |          |  |
|              | 149               | $\dashv$     | _              | <u> </u> | <u> </u> | _  | L_   | Н  | $\vdash \dashv$ | $\Box$   |  |
|              | 150               |              |                | لـــا    |          | ل  |  |  | Ш               |          |  |